

### SILVER SERIES DIRECTIONAL YAGI ANTENNAS COMBINE OPTIMIZED DESIGN FEATURES WITH GREAT VALUE

Laird Silver Series Yagi antennas represent great value while featuring the same great optimized design and plated brass connector found on premium gold series models. Each Yagi is factory tuned on a network analyzer for best power match and lowest VSWR, offering the best possible performance every time. All antennas ship complete with a mounting kit that includes stainless steel hardware.

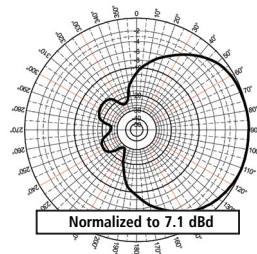
#### FEATURES AND BENEFITS:

- All UHF and higher frequency models are delivered fully assembled.
- All radial elements are secured to the boom with stainless steel hardware to prevent corrosion.
- Every Yagi is tuned on a network analyzer for best power match and lowest VSWR.
- All antennas ship complete with a mounting kit that includes stainless steel hardware.

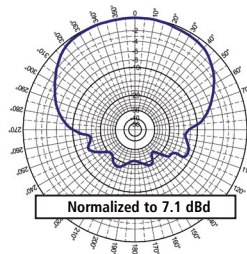
#### APPLICATIONS:

- Point-to-point and multi-point / omnidirectional outdoor antenna applications used by private organizations and government agencies around the globe.
- Typical applications include transportation such as railroad switching, remote locations reporting examples that include oil fields, weather conditions and, meter data transmissions for utilities.

Electrical		Mechanical	
Frequency Range	450 – 470 MHz	Material	Aluminum
VSWR	< 2:1	Length	20-3/16"
Return Loss	-10 dB max	Height	13-1/2"
Nominal Gain	7.1 dBd	Boom Diameter	7/8"
Front to Back Ratio	17 dBd	Weight	1.15 lbs
Maximum Power	300 W	Rated Wind Velocity	150 mph (241 kph)
Nominal Impedance	50 Ω	Rated Wind Velocity (with 0.5" radial ice)	80 mph (130 kph)
Polarization	Vertical or Horizontal	Equivalent Flat Area	0.2177 sq. ft.
Pattern	Directional	Cable	None
Horizontal Beamwidth (For Horizontal Polarization)	115°	Termination	N-Female connector
Vertical Beamwidth (For Vertical Polarization)	114°	Color	Silver Only for YS series
Tuning	NA	Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)
Transmitting/Receiving	Both	Mounting Included	Yagi mounting kit included for 7/8" boom



**Vertical-to-Vertical Polarization Azimuthal Pattern (Y, Z, or E-plane)**



**Horizontal-to-Horizontal Polarization Azimuthal Pattern (Y, Z, or H-plane)**

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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